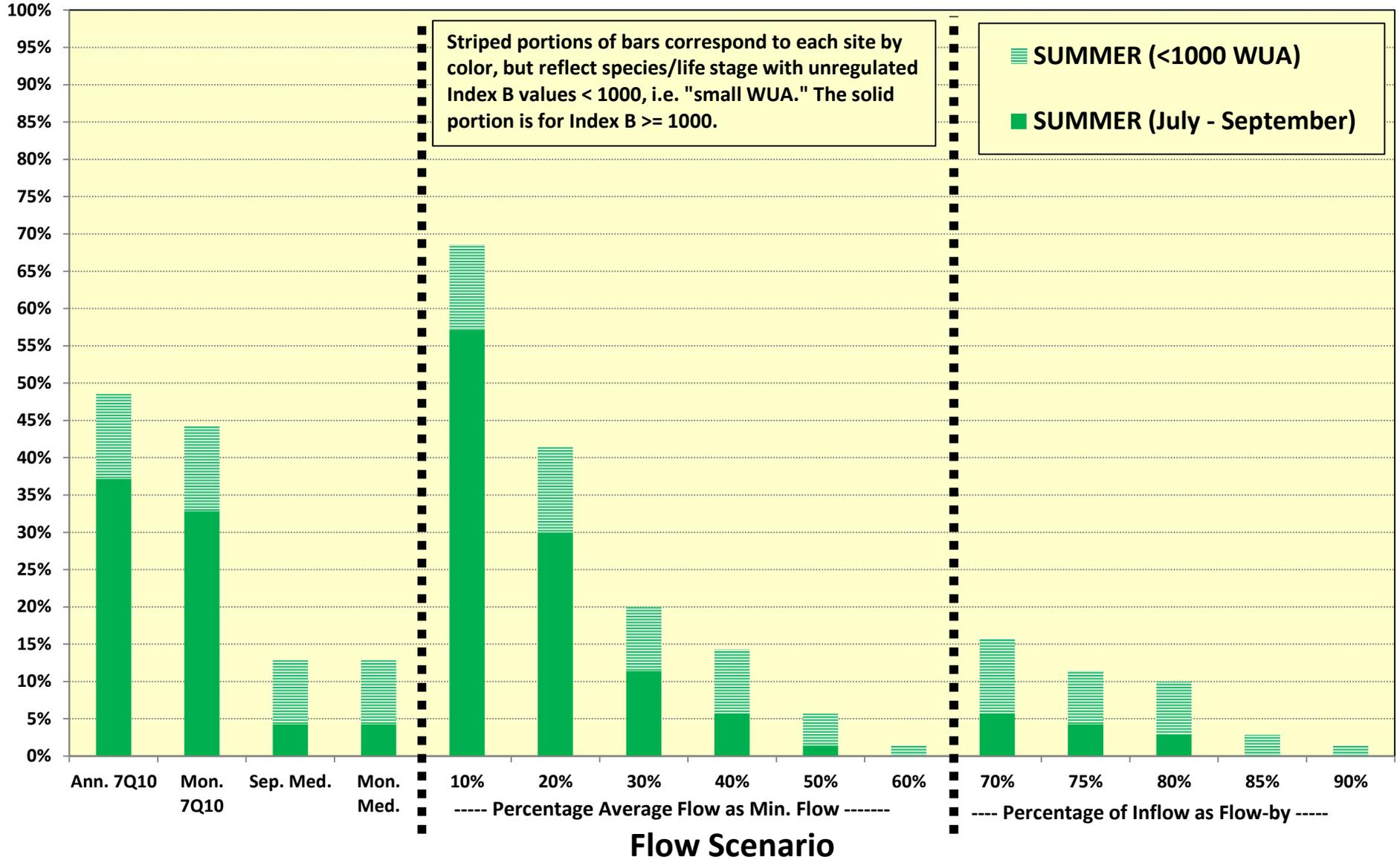


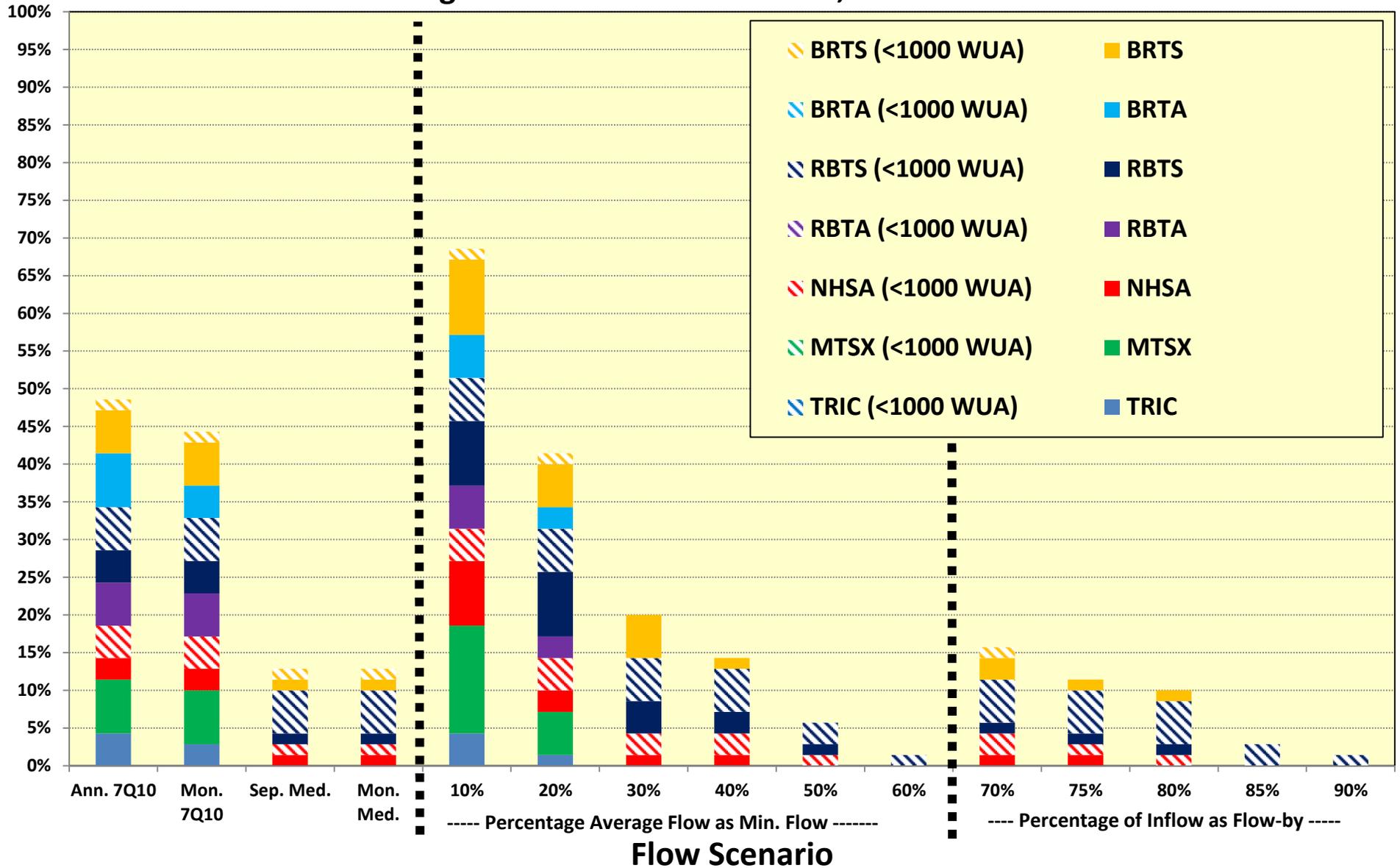
SUMMER

ALL SITES COMBINED - % of 7 Deep Species/Life Stages with < 80% of Unregulated Index B WUA Value, at all 10 sites combined



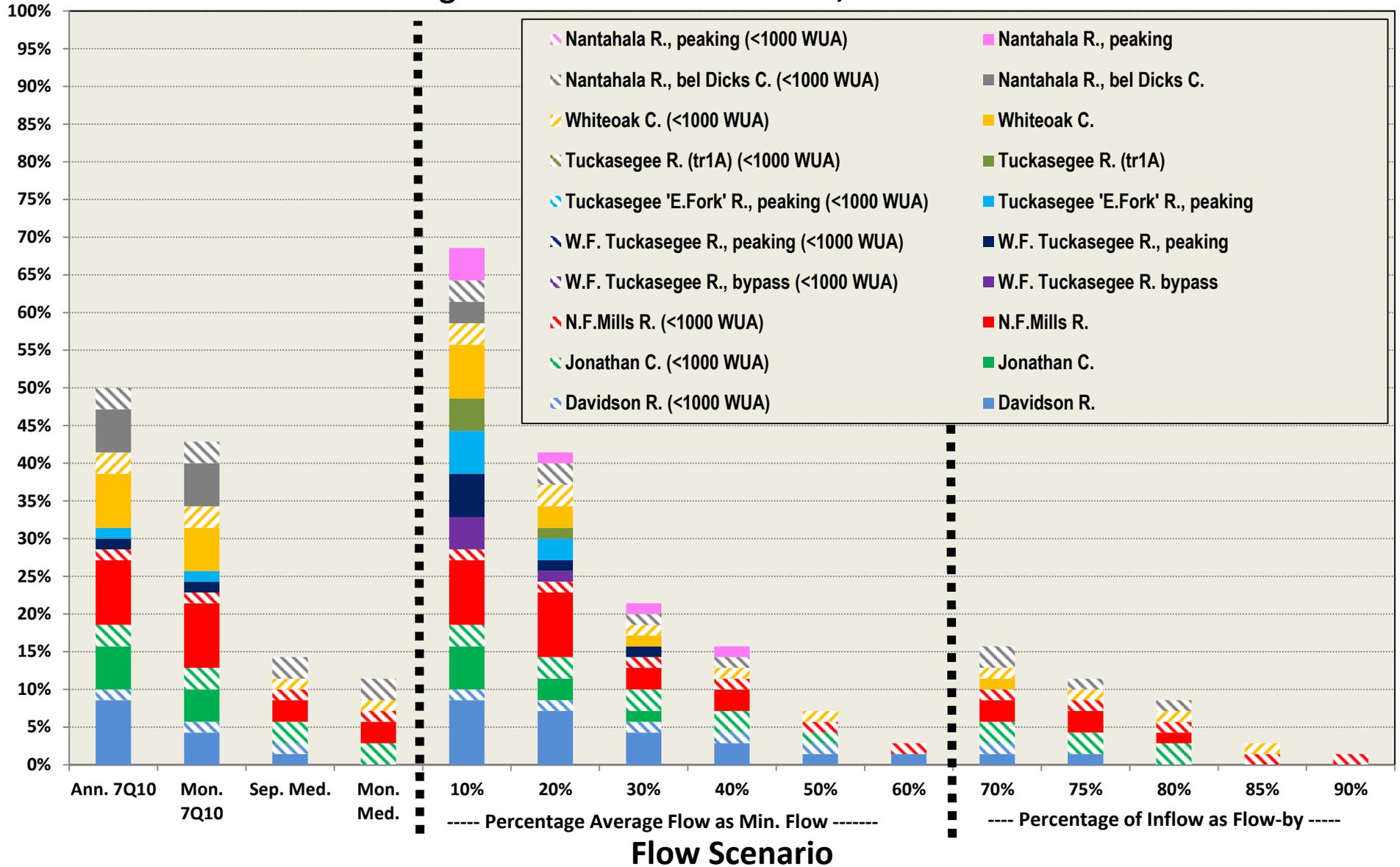
SUMMER

ALL SITES COMBINED - % of 7 Deep Species/Life Stages with < 80% of Unregulated Index B WUA Value, at all 10 sites combined



SUMMER

ALL SITES COMBINED - % of 7 Deep Species/Life Stages with < 80% of Unregulated Index B WUA Value, at all 10 sites combined



ALL SITES COMBINED

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER**

(July - September) ALL SITES COMBINED - % of 7 Deep Species/Life Stages with < 80% of Unregulated Index B WUA Value, at all 10 sites combined

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	EPHEM	3	1	0	0	4	1	0	0	0	0	0	0	0	0
	PLECO	5	5	0	0	5	4	2	0	0	0	1	0	0	0
	NHSJ	3.02	3.02	2.01	2.01	6.02	2.02	2.02	1.02	0	0	2.02	1.02	1	0
	RBTF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	BNDJ	5	4	0	0	5	3	1	0	0	0	0	0	0	0
	BNDF	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	BNDS	4	2	0	0	3	1	0	0	0	0	0	0	0	0
	BRTJ	5	4	0	0	4	4	1	0	0	0	0	0	0	0
	BRTF	4.01	4.01	0	0	3.01	3.01	2.01	0	0	0	1	0	0	0
	LNDX	5	5	0	0	10	5	4	2	0	0	1	1	0	0
	CRCA	4	4	0	0	4	3	2	0	0	0	0	0	0	0
	CRCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Deep	TRIC	3	2	0	0	3	1	0	0	0	0	0	0	0	0
	MTSX	5	5	0	0	10	4	0	0	0	0	0	0	0	0
	NHSA	2.03	2.03	1.01	1.01	6.03	2.03	1.02	1.02	0.01	0	1.02	1.01	0.01	0
	RBTA	4	4	0	0	4	2	0	0	0	0	0	0	0	0
	RBTS	3.04	3.04	1.04	1.04	6.04	6.04	3.04	2.04	1.02	0.01	1.04	1.04	1.04	0.02
	BRTA	5	3	0	0	4	2	0	0	0	0	0	0	0	0
	BRTS	4.01	4.01	1.01	1.01	7.01	4.01	4	1	0	0	2.01	1	1	0
	Total out of 7*10	26.08	23.08	3.06	3.06	40.08	21.08	8.06	4.06	1.03	0.01	4.07	3.05	2.05	0.02
	total > 1000 WUA	26	23	3	3	40	21	8	4	1	0	4	3	2	0
	total < 1000 WUA	8	8	6	6	8	8	6	6	3	1	7	5	5	2
	Total out of 7*10	34	31	9	9	48	29	14	10	4	1	11	8	7	2
	% for just this season	48.6%	44.3%	12.9%	12.9%	68.6%	41.4%	20.0%	14.3%	5.7%	1.4%	15.7%	11.4%	10.0%	2.9%
	% > 1000 WUA	37.1%	32.9%	4.3%	4.3%	57.1%	30.0%	11.4%	5.7%	1.4%	0.0%	5.7%	4.3%	2.9%	0.0%
	% < 1000 WUA	11.4%	11.4%	8.6%	8.6%	11.4%	11.4%	8.6%	8.6%	4.3%	1.4%	10.0%	7.1%	7.1%	2.9%

SUMMER (<1000 WUA)

Total out of 7*10 means total out of a maximum of 70 (7 DEEP species/life stages x 10 SITES)

% by species/life stage

TRIC	4.3%	2.9%	0.0%	0.0%	4.3%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TRIC (<1000 WUA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MTSX	7.1%	7.1%	0.0%	0.0%	14.3%	5.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
MTSX (<1000 WUA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
NHSA	2.9%	2.9%	1.4%	1.4%	8.6%	2.9%	1.4%	1.4%	0.0%	0.0%	1.4%	1.4%	0.0%	0.0%	0.0%
NHSA (<1000 WUA)	4.3%	4.3%	1.4%	1.4%	4.3%	4.3%	2.9%	2.9%	1.4%	0.0%	2.9%	1.4%	1.4%	0.0%	0.0%
RBTA	5.7%	5.7%	0.0%	0.0%	5.7%	2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
RBTA (<1000 WUA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
RBTS	4.3%	4.3%	1.4%	1.4%	8.6%	8.6%	4.3%	2.9%	1.4%	0.0%	1.4%	1.4%	1.4%	0.0%	0.0%
RBTS (<1000 WUA)	5.7%	5.7%	5.7%	5.7%	5.7%	5.7%	5.7%	5.7%	2.9%	1.4%	5.7%	5.7%	5.7%	2.9%	1.4%
BRTA	7.1%	4.3%	0.0%	0.0%	5.7%	2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
BRTA (<1000 WUA)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
BRTS	5.7%	5.7%	1.4%	1.4%	10.0%	5.7%	5.7%	1.4%	0.0%	0.0%	2.9%	1.4%	1.4%	0.0%	0.0%
BRTS (<1000 WUA)	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	0.0%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%	0.0%

Davidson R.

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER**

July - September

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow EPHEM					1										
PLECO	1	1			1	1	1								
NHSJ	0.01	0.01			0.01	0.01	0.01	0.01			0.01	0.01			
RBTF															
BNDJ	1	1			1	1	1								
BNDF															
BNDS	1				1										
BRTJ	1	1			1	1									
BRTF	1	1			1	1	1								
LNDX	1	1			1	1	1	1							
CRCA	1	1			1	1	1								
CRCY															
Deep TRIC					1										
MTSX	1	1			1	1									
NHSA	0.01	0.01			0.01	0.01	0.01	0.01			0.01				
RBTA	1	1			1	1									
RBTS	1	1	1	1	1	1	1	1	1		1	1	1		
BRTA	1				1	1									
BRTS	1	1			1	1	1								
Total out of 7	5.01	4.01	1	1	6.01	5.01	2.01	1.01	1	0	1.01	1	1	0	0
total > 1000 WUA	5	4	1	1	6	5	2	1	1	0	1	1	1	0	0
total < 1000 WUA	1	1	0	0	1	1	1	1	0	0	1	0	0	0	0
Total out of 7	6	5	1	1	7	6	3	2	1	0	2	1	1	0	0
% for just this site	85.7%	71.4%	14.3%	14.3%	100.0%	85.7%	42.9%	28.6%	14.3%	0.0%	28.6%	14.3%	14.3%	0.0%	0.0%
% weighted equally for each site	12.2%	10.2%	2.0%	2.0%	14.3%	12.2%	6.1%	4.1%	2.0%	0.0%	4.1%	2.0%	2.0%	0.0%	0.0%
% > 1000 WUA	7.1%	5.7%	1.4%	1.4%	8.6%	7.1%	2.9%	1.4%	1.4%	0.0%	1.4%	1.4%	1.4%	0.0%	0.0%
% < 1000 WUA	1.4%	1.4%	0.0%	0.0%	1.4%	1.4%	1.4%	1.4%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%	0.0%

unregulated Index B
15631
4739
754
9569
6228
8786
9512
11687
2856
12372
4291
3828
13715
27216
570
19063
1149
7382
5780

Davidson R. (<1000 WUA)

Jonathan C.

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER**

July - September

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow EPHEM					1										
PLECO	1	1			1	1									
NHSJ	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			0.01	0.01			
RBTF															
BNDJ	1	1			1	1									
BNDF															
BNDS															
BRTJ	1	1			1	1	1								
BRTF	0.01	0.01			0.01	0.01	0.01								
LNDX	1	1			1	1	1								
CRCA	1	1			1	1	1								
CRCY															
Deep TRIC															
MTSX		1			1	1									
NHSA	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.01	0.01	0.01		
RBTA	1	1			1										
RBTS	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			0.01	0.01	0.01		
BRTA	1				1										
BRTS	1	1			1	1	1								
Total out of 7	4.02	3.02	0.02	0.02	4.02	2.02	1.02	0.02	0.01	0	0.02	0.02	0.02	0	0
total > 1000 WUA	4	3	0	0	4	2	1	0	0	0	0	0	0	0	0
total < 1000 WUA	2	2	2	2	2	2	2	2	1	0	2	2	2	0	0
Total out of 7	6	5	2	2	6	4	3	2	1	0	2	2	2	0	0
% for just this site	85.7%	71.4%	28.6%	28.6%	85.7%	57.1%	42.9%	28.6%	14.3%	0.0%	28.6%	28.6%	28.6%	0.0%	0.0%
% weighted equally for each site	12.2%	10.2%	4.1%	4.1%	12.2%	8.2%	6.1%	4.1%	2.0%	0.0%	4.1%	4.1%	4.1%	0.0%	0.0%
% > 1000 WUA	5.7%	4.3%	0.0%	0.0%	5.7%	2.9%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	1.4%	0.0%	2.9%	2.9%	2.9%	0.0%	0.0%

unregulated Index B
7308
1416
382
3605
2876
3375
5398
4118
940
6002
2017
2462
6502
17126
153
9072
876
3205
2723

Jonathan C. (<1000 WUA)

N.F.Mills R.

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER**

July - September

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow EPHEM	1	1			1	1									
PLECO	1	1			1	1	1				1				
NHSJ	1	1	1	1	1	1	1	1			1	1	1		
RBTF															
BNDJ	1	1			1	1									
BNDF															
BNDS	1	1			1	1									
BRTJ	1	1			1	1									
BRTF	1	1			1	1	1				1				
LNDX	1	1			1	1	1	1			1	1			
CRCA	1	1			1	1									
CRCY															
Deep TRIC	1	1			1	1									
MTSX	1	1			1	1									
NHSA	1	1	1	1	1	1	1	1			1	1			
RBTA	1	1			1	1									
RBTS	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
BRTA	1	1			1	1									
BRTS	1	1	1	1	1	1	1	1			1	1	1		
Total out of 7	6.01	6.01	2.01	2.01	6.01	6.01	2.01	2.01	0.01	0.01	2.01	2.01	1.01	0.01	0.01
total > 1000 WUA	6	6	2	2	6	6	2	2	0	0	2	2	1	0	0
total < 1000 WUA	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Total out of 7	7	7	3	3	7	7	3	3	1	1	3	3	2	1	1
% for just this site	100.0%	100.0%	42.9%	42.9%	100.0%	100.0%	42.9%	42.9%	14.3%	14.3%	42.9%	42.9%	28.6%	14.3%	14.3%
% weighted equally for each site	14.3%	14.3%	6.1%	6.1%	14.3%	14.3%	6.1%	6.1%	2.0%	2.0%	6.1%	6.1%	4.1%	2.0%	2.0%
% > 1000 WUA	8.6%	8.6%	2.9%	2.9%	8.6%	8.6%	2.9%	2.9%	0.0%	0.0%	2.9%	2.9%	1.4%	0.0%	0.0%
% < 1000 WUA	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%	1.4%

unregulated Index B
17666
7403
1667
14177
8690
11885
6900
15303
3963
6933
5886
4449
14914
18634
1429
20847
167
10452
4050

N.F.Mills R. (<1000 WUA)

W.F. Tuckasegee R. bypass

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER**

July - September

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow EPHEM															
PLECO															
NHSJ					1										
RBTF															
BNDJ															
BNDF															
BNDS															
BRTJ															
BRTF															
LNDX					1										
CRCA															
CRCY															
Deep TRIC															
MTSX					1										
NHSA					1										
RBTA															
RBTS					1	1									
BRTA															
BRTS															
Total out of 7	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0
total > 1000 WUA	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0
total < 1000 WUA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total out of 7	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0
% for just this site	0.0%	0.0%	0.0%	0.0%	42.9%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each site	0.0%	0.0%	0.0%	0.0%	6.1%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA	0.0%	0.0%	0.0%	0.0%	4.3%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

unregulated Index B
10757
5678
2774
2092
5381
3625
2424
8589
2927
12784
3265
1695
11885
28393
2204
15903
2849
7291
4340

W.F. Tuckasegee R., bypass (<1000 WUA)

W.F. Tuckasegee R., peaking

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER**

July - September

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow EPHEM															
PLECO															
NHSJ					1										
RBTF															
BNDJ					1										
BNDF															
BNDS															
BRTJ															
BRTF															
LNDX					1	1									
CRCA															
CRCY															
Deep TRIC															
MTSX					1										
NHSA					1										
RBTA															
RBTS	1	1			1	1	1								
BRTA															
BRTS					1										
Total out of 7	1	1	0	0	4	1	1	0	0	0	0	0	0	0	0
total > 1000 WUA	1	1	0	0	4	1	1	0	0	0	0	0	0	0	0
total < 1000 WUA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total out of 7	1	1	0	0	4	1	1	0	0	0	0	0	0	0	0
% for just this site	14.3%	14.3%	0.0%	0.0%	57.1%	14.3%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each site	2.0%	2.0%	0.0%	0.0%	8.2%	2.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA	1.4%	1.4%	0.0%	0.0%	5.7%	1.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

unregulated Index B
20827
11308
3681
3735
8950
8231
5535
17292
4797
27871
6632
3160
21744
44310
2871
30730
4527
12626
10191

W.F. Tuckasegee R., peaking (<1000 WUA)

Tuckasegee 'E.Fork' R., peakin; If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER**

July - September

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow EPHEM															
PLECO					1										
NHSJ					1										
RBTF															
BNDJ															
BNDF															
BNDS															
BRTJ															
BRTF															
LNDX					1										
CRCA															
CRCY															
Deep TRIC															
MTSX					1										
NHSA					1	1									
RBTA															
RBTS	1	1			1	1									
BRTA															
BRTS					1										
Total out of 7	1	1	0	0	4	2	0	0	0	0	0	0	0	0	0
total > 1000 WUA	1	1	0	0	4	2	0	0	0	0	0	0	0	0	0
total < 1000 WUA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total out of 7	1	1	0	0	4	2	0	0	0	0	0	0	0	0	0
% for just this site	14.3%	14.3%	0.0%	0.0%	57.1%	28.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each site	2.0%	2.0%	0.0%	0.0%	8.2%	4.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA	1.4%	1.4%	0.0%	0.0%	5.7%	2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

unregulated Index B
49778
30134
20292
8204
25559
16144
9748
38491
8024
59127
19150
4743
60282
114135
19127
76909
5191
39726
11911

Tuckasegee 'E.Fork' R., peaking (<1000 WUA)

Tuckasegee R. (tr1A)

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".
 If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER** July - September

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow EPHEM															
PLECO															
NHSJ															
RBTF															
BNDJ															
BNDF															
BNDS															
BRTJ															
BRTF															
LNDX					1										
CRCA															
CRCY															
Deep TRIC															
MTSX					1										
NHSA					1										
RBTA															
RBTS					1	1									
BRTA															
BRTS															
Total out of 7	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0
total > 1000 WUA	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0
total < 1000 WUA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total out of 7	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0
% for just this site	0.0%	0.0%	0.0%	0.0%	42.9%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each site	0.0%	0.0%	0.0%	0.0%	6.1%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA	0.0%	0.0%	0.0%	0.0%	4.3%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

unregulated Index B
37406
22675
20338
4539
18430
9785
4956
30976
10110
51978
11068
3264
49884
100189
22243
63822
18157
30231
22262

Tuckasegee R. (tr1A) (<1000 WUA)

Whiteoak C.

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER**

July - September

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow EPHEM	1				1										
PLECO	1	1			1	1									
NHSJ	1	1			1	1	1								
RBTF															
BNDJ	1				1										
BNDF															
BNDS	1	1			1										
BRTJ	1	1			1	1									
BRTF	1	1			1	1									
LNDX	1	1			1	1	1								
CRCA	1	1			1										
CRCY															
Deep TRIC	1				1										
MTSX	1	1			1	1									
NHSA	0.01	0.01			0.01	0.01									
RBTA	1	1			1										
RBTS	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.01	0.01	0.01	0.01	
BRTA	1	1			1										
BRTS	1	1			1	1	1				1				
Total out of 7	5.02	4.02	0.01	0.01	5.02	2.02	1.01	0.01	0.01	0	1.01	0.01	0.01	0.01	0
total > 1000 WUA	5	4	0	0	5	2	1	0	0	0	1	0	0	0	0
total < 1000 WUA	2	2	1	1	2	2	1	1	1	0	1	1	1	1	0
Total out of 7	7	6	1	1	7	4	2	1	1	0	2	1	1	1	0
% for just this site	100.0%	85.7%	14.3%	14.3%	100.0%	57.1%	28.6%	14.3%	14.3%	0.0%	28.6%	14.3%	14.3%	14.3%	0.0%
% weighted equally for each site	14.3%	12.2%	2.0%	2.0%	14.3%	8.2%	4.1%	2.0%	2.0%	0.0%	4.1%	2.0%	2.0%	2.0%	0.0%
% > 1000 WUA	7.1%	5.7%	0.0%	0.0%	7.1%	2.9%	1.4%	0.0%	0.0%	0.0%	1.4%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA	2.9%	2.9%	1.4%	1.4%	2.9%	2.9%	1.4%	1.4%	1.4%	0.0%	1.4%	1.4%	1.4%	1.4%	0.0%

unregulated Index B
12448
4933
1440
6510
4521
5239
5096
9005
1733
7091
4194
2652
12346
18582
989
16748
396
8237
2432

Whiteoak C. (<1000 WUA)

Nantahala R., bel Dicks C.

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER**

July - September

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow EPHEM	1														
PLECO	1	1													
NHSJ	1	1	1	1	1						1				
RBTF															
BNDJ	1	1													
BNDF															
BNDS	1														
BRTJ	1														
BRTF	1	1													
LNDX	1	1			1										
CRCA															
CRCY															
Deep TRIC	1	1													
MTSX	1	1			1										
NHSA	1	1			1										
RBTA															
RBTS	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.01	0.01	0.01		
BRTA	1	1													
BRTS	0.01	0.01	0.01	0.01	0.01	0.01					0.01				
Total out of 7	4.02	4.02	0.02	0.02	2.02	0.02	0.01	0.01	0	0	0.02	0.01	0.01	0	0
total > 1000 WUA	4	4	0	0	2	0	0	0	0	0	0	0	0	0	0
total < 1000 WUA	2	2	2	2	2	2	1	1	0	0	2	1	1	0	0
Total out of 7	6	6	2	2	4	2	1	1	0	0	2	1	1	0	0
% for just this site	85.7%	85.7%	28.6%	28.6%	57.1%	28.6%	14.3%	14.3%	0.0%	0.0%	28.6%	14.3%	14.3%	0.0%	0.0%
% weighted equally for each site	12.2%	12.2%	4.1%	4.1%	8.2%	4.1%	2.0%	2.0%	0.0%	0.0%	4.1%	2.0%	2.0%	0.0%	0.0%
% > 1000 WUA	5.7%	5.7%	0.0%	0.0%	2.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA	2.9%	2.9%	2.9%	2.9%	2.9%	2.9%	1.4%	1.4%	0.0%	0.0%	2.9%	1.4%	1.4%	0.0%	0.0%

unregulated Index B
26536
12710
9291
9961
18011
20094
2620
22333
2855
10524
10534
4055
33461
24341
13611
44087
135
26484
523

Nantahala R., bel Dicks C. (<1000 WUA)

Nantahala R., peaking

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".
 If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER**

July - September

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow EPHEM															
PLECO															
NHSJ															
RBTF															
BNDJ															
BNDF															
BNDS															
BRTJ															
BRTF															
LNDX					1										
CRCA															
CRCY															
Deep TRIC															
MTSX					1										
NHSA															
RBTA															
RBTS					1	1	1	1							
BRTA															
BRTS					1										
Total out of 7	0	0	0	0	3	1	1	1	0	0	0	0	0	0	0
total > 1000 WUA	0	0	0	0	3	1	1	1	0	0	0	0	0	0	0
total < 1000 WUA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total out of 7	0	0	0	0	3	1	1	1	0	0	0	0	0	0	0
% for just this site	0.0%	0.0%	0.0%	0.0%	42.9%	14.3%	14.3%	14.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each site	0.0%	0.0%	0.0%	0.0%	6.1%	2.0%	2.0%	2.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA	0.0%	0.0%	0.0%	0.0%	4.3%	1.4%	1.4%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

unregulated Index B
35626
17934
9226
9634
15989
14834
10121
29872
9352
44837
14244
6256
37890
114713
6927
53531
12509
23329
18729

Nantahala R., peaking (<1000 WUA)